

## **ABSTRACT OF THE DISCLOSURE**

A hearing aid that is capable of automatically switching between a full-function mode and a sleep mode depending on the location of the hearing aid. The hearing aid comprises a hearing aid module for processing an input signal and generating a compensated output signal and, a location  
5 sensor module for providing a location information signal to indicate one of an in-the-ear case and an out-of-the-ear case. The hearing aid module automatically switches to the full-function mode when the location information signal indicates the in-the-ear case and the hearing aid module automatically switches to the sleep mode when the location information signal indicates the  
10 out-of-the-ear case. .